

## **RAW SEQUENCE LISTING**

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Application Serial Number: 10/525, 725  
Source: PCT  
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DATE: 03/03/2006

PATENT APPLICATION: US/10/525,725

TIME: 13:04:24

Input Set : A:\P26510.ST25.txt

Output Set: N:\CRF4\03032006\J525725.raw

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4 <110> APPLICANT: OKAMOTO, Hitoshi
5   UEMURA, Osamu
6   HIGASHIJIMA, Shin-ichi
8 <120> TITLE OF INVENTION: ENHANCERS SPECIFIC TO MOTOR NEURONS AND/OR SENSORY NEURONS
10 <130> FILE REFERENCE: P26510
12 <140> CURRENT APPLICATION NUMBER: US 10/525,725
13 <141> CURRENT FILING DATE: 2005-02-28
15 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011076
16 <151> PRIOR FILING DATE: 2003-08-29
18 <150> PRIOR APPLICATION NUMBER: JP2002/254829
19 <151> PRIOR FILING DATE: 2002-08-30
21 <160> NUMBER OF SEQ ID NOS: 14
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 820
27 <212> TYPE: DNA
28 <213> ORGANISM: Dana rerio
30 <400> SEQUENCE: 1
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35 cgaaaaactct gttataaaat catgaaaagg atatggacaa cagcaggtgg gcaaacttat      180
37 caaaaaccctt ggcaaacgca catgcaagcg tacacacata aagggggcaaa atcatttttaa      240
39 ttagctgagt  gaatgtgatt tgctgaatgc ggggaactag gctctgcaca cattaaaaatt      300
41 ggtctaattt tctgcaaaaa agtcccatct gagtggacct ggccacagtc aatcaagtta      360
43 aaagctatgg gtgcttaatt tgatttacca atataaaatg caaatgaggt gattaagtgg      420
45 agaggggagg cagagtagga gcctctttta aaccatcaag ttaaatgtga acagacatcg      480
47 gactggcagc agcaagaatg ttttagcata ttcgtttgat tagaggtaca aaaatttaat      540
49 tagtgtggct aattgcttga caaattgcag cacactactg aaaagacaga tttttttttt      600
51 aaaaccgtgc aaaacccctt ccgtgtggaa attttgtcca aatggccctt atgccaatat      660
53 gtgaaaagca taattaaata aatggaagat ggcacaacag taccttacaa tagcaaatga      720
55 gataattgcc tgtaattagg tgggacacaa gtctatgtcc atatgtcgtg tttctcttca      780
57 gctactctcc gttcctctcg taggacaaat ctaataagcc      820
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61 <211> LENGTH: 725
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63 <213> ORGANISM: Homo sapiens
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70 tccatcaaga aattgtacaa agaaaatgga cacaccagct ggataaatct atcatgtgca      180
72 gggggggagta ggggaagcaa gcacttttaa ttagctgagt gaatgcagtt tgttgaacac      240
74 agaaagcaca gccttagtca tattaaaatg tgctaattt tctgtgaaaa agtcccatct      300
76 gaacaggcct gaccacagtc aatcatacta aaagccactg gtgcttaatt tgatttacca      360

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78 atataaaatg caaattaggt tattaagtgg agtggcagac agagtagggc ccctttcaaa 420
80 ccatcaagtt aaatgcaagc agacagcaaa ctggctgtgc aaagaaaatt ttagcatatt 480
82 cgtttgatta gtgctacaaa aatttaatta gggtggctaa ttacttgaca aattgctcta 540
84 cactgagaaa aaggcagagg gttttttttt tcttttttca ttgcaaatat cctgtgtgta 600
86 ttttagccca aatgctatct gccaatgtgc aaaagcctta ttaaataaat ggaagatggg 660
88 cccaataat agcaaatcat ataatgcata taattagaca aggccacac tctagccata 720
90 tgtcc 725

93 <210> SEQ ID NO: 3
94 <211> LENGTH: 638
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96 <213> ORGANISM: Mus musculus
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101 atgtttcatg caaataggtt taaagtgttg cttagacaat cttatattta agggaaaaaa 120
103 atacttccat caagaaattg tacaaaagaa aatggacaca ccagctggat aaatctatca 180
105 tacggagggg tggaggaggc aggcactttt aattagctga gtgaatgcag tttgctgaac 240
107 acagaaagcg cagccccagt gatattaaaa tgtgcctaata tttctgtgaa aaagtcccat 300
109 ctgaaaaggc ctgaccaaag tcaatcatac taaaagccac tgggtgctta tttgatttac 360
111 caatacaaaa tgcaaatatg gttatttaagt ggagtggcag acagagtagg gacattttca 420
113 aaccatcaag ttaaatagcaa gcagacagca aactggctgt gcaaagaaaa ttttagcata 480
115 ttcgtttgat tagtgctaca aaaatttaat taggttggct aattacttga caaattgtct 540
117 tacactagag aaaaggcaga ggagtatttt ttttttttta cctttttcat tgcaaatatc 600
119 ctgtgtgtat tttagcccaa atgctatctg ccaatttg 638

122 <210> SEQ ID NO: 4
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125 <213> ORGANISM: Fugu rubripes
127 <400> SEQUENCE: 4
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130 ctaaatgggt catttagcaa atttacatca tgaattagct gtaaaggcaa acgttcaggc 120
132 tgggtctgga acagacaaca atgagacgta cagtaaaaca tgagggtggc aattttatca 180
134 gagccccctt tgcaaacatg ggggaaaaag gggaaaatca ttttaattag ctaagtgaat 240
136 gtgatttggt gaatgcgagt ggagccaggc gctctactct gcacattaaa attgggtctaa 300
138 ttttctttgc agaaagtccc acatgagcag ccctggccac agtcaatcat gttaaaagct 360
140 gcgggtgctt aatttgattt accaatataa aatgcaaag aggtgatcaa gtggagtggg 420
142 agccaacagt aggaggctca ttttaagccat cactgttaaat ggaaagagac agaagagtgg 480
144 caacgtaaag aatgttctag cttatttggt tcattagtaa tagaaaaaaa aatattagta 540
146 aagggtgatt tttggcacat tgacatcaga aagaaacact ctgcagcagc cataaatcct 600
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151 <210> SEQ ID NO: 5
152 <211> LENGTH: 636
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154 <213> ORGANISM: Dana rerio
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159 taaatgtctc attttatagg ttttgcagga atatgtacac ttttcaagaa aaacataatt 120
161 aaaatgtgtt aatttccatt taacaagcag tgttttagatt atataatgca tcaataaact 180
163 aactgtcatc actttctata aataaactat tatcctccta agccacattt actgggcaat 240
165 gatcgattca tcatttctta tacagtatag gtcagcagc ccttcacatg tgtttgcgta 300

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167 ttcaggaaat atatatcgaa ggaaaggaac agagatacat ttatctaate gtcctctgaa 360
169 cccccagca cactgtgtaa tcaataaact tgtttttaggc aaagcacctt ttctagtgc 420
171 tcagacgatt aaccctccat taactatttc agaagctggt aaatgcacct cagtcaataa 480
173 tgctaattcg aaaagctatt gtataagctg ttaagaaatg tgtattcata ttatggtaaa 540
175 gtggcaatct ttattacagg ctattacaaa ttgcaaaaaa agtcaatatg tgagggggaga 600
177 tatttcacac cgtggtgaat tatggtgctg gaattc 636

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180 &lt;210&gt; SEQ ID NO: 6

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182 &lt;212&gt; TYPE: DNA

183 &lt;213&gt; ORGANISM: Homo sapiens

185 &lt;400&gt; SEQUENCE: 6

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186 cgaggggtgtc ttcatacatt ccatatcatt gccttaaaag gcactgacca gaagaagcag 60
188 atgacctcat ttcaaaatta ttacagtaca gagaactcag tttcaacatt ataattcatt 120
190 ttatcatgga atattttcaa tttattatca gtttcctaac acataatggg taatcggttaa 180
192 ggatagccac tttacataaa tatgaatacg catttctcca taggtaatac aacagttcct 240
194 gcattagcat tattgactaa ggtacattta acttcttcac taatacttaa tggaagggtta 300
196 atgtataagt caggagatta aatggctttt acttaaaaca agtatattga ttaaaataac 360
198 ttagtgagat ttttaagggt gatgatataa aaacagtcac acattttaat attttattta 420
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208 &lt;220&gt; FEATURE:

209 &lt;223&gt; OTHER INFORMATION: primer

211 &lt;400&gt; SEQUENCE: 7

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212 gaattcggat ccaaggctct cagtct 26

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217 &lt;212&gt; TYPE: DNA

218 &lt;213&gt; ORGANISM: Artificial Sequence

220 &lt;220&gt; FEATURE:

221 &lt;223&gt; OTHER INFORMATION: primer

223 &lt;400&gt; SEQUENCE: 8

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224 ggtacctgta ttgatgggcc ac 22

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227 &lt;210&gt; SEQ ID NO: 9

228 &lt;211&gt; LENGTH: 27

229 &lt;212&gt; TYPE: DNA

230 &lt;213&gt; ORGANISM: Artificial Sequence

232 &lt;220&gt; FEATURE:

233 &lt;223&gt; OTHER INFORMATION: primer

235 &lt;400&gt; SEQUENCE: 9

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239 &lt;210&gt; SEQ ID NO: 10

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242 &lt;213&gt; ORGANISM: Artificial Sequence

244 &lt;220&gt; FEATURE:

245 &lt;223&gt; OTHER INFORMATION: primer

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257 <223> OTHER INFORMATION: primer	
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271 <400> SEQUENCE: 12	
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277 <212> TYPE: DNA	
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280 <220> FEATURE:	
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283 <400> SEQUENCE: 13	
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289 <212> TYPE: DNA	
290 <213> ORGANISM: Artificial Sequence	
292 <220> FEATURE:	
293 <223> OTHER INFORMATION: primer	
295 <400> SEQUENCE: 14	
296 agatctcagg gagcagtggc cgtctcc	27

**VERIFICATION SUMMARY**

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